MATERIAL SAFETY DATA SHEET

PRODUCT

925 and 7625

ODV INCORPORATED

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SECTION 1 – IDENTIFY

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SECTION 2 – HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>HAZARDOUS COMPONENT</th>
<th>CAS #</th>
<th>% (wt)</th>
<th>TLV</th>
<th>PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methanol: 1st ampoule</td>
<td>67-56-1</td>
<td>97</td>
<td>260 mg/m³</td>
<td>250 mg/m³</td>
</tr>
<tr>
<td>Potassium hydroxide (45%)</td>
<td>1310-58-3</td>
<td>3%</td>
<td>2 mg/m³</td>
<td>2 mg/m³</td>
</tr>
<tr>
<td>Isopropanol: 2nd ampoule</td>
<td>67-63-0</td>
<td>95</td>
<td>880 mg/m³</td>
<td>980 mg/m³</td>
</tr>
<tr>
<td>m-Dinitrobenzene: 2nd ampoule (cap)</td>
<td>99-65-0</td>
<td>5</td>
<td>1.0 mg/m³</td>
<td>1.0 mg/m³</td>
</tr>
</tbody>
</table>

PEL: Permissible Exposure Limit established by the Occupational Safety and Health Administration

TLV: Threshold limit Value established by the American Conference of Governmental Industrial Hygienists, 1987-88.

SECTION 3 – PHYSICAL DATA

| BOILING POINT 65° C (methanol) | SPECIFIC GRAVITY (H₂O = 1) | 0.79 (methanol) | VAPOR PRESSURE (mm Hg) | 97.2 (methanol) |
| PERCENT VAPORISABLE | 100% | VAPOR DENSITY (AIR = 1) | 1.1 (methanol) | EVAPORATION RATE | 4.6 (methanol) |

SOLUBILITY IN WATER Soluble

REACTIVITY IN WATER Not reactive (methanol)


SECTION 4 – FIRE AND EXPLOSION DATA

| FLASH POINT 52° C Closed Cup (methanol) | FLAMMABLE LIMITS IN AIR (% By Volume) |
| 130° C (m-dinitrobenzene) | LOWER: 5% (methanol) |
| EXTINGUISHING MEDIA Alcohol foam, powder, CO₂ (methanol) | UPPER: 35% (methanol) |
| AUTO IGNITION TEMPERATURE | 385° C (methanol) |

UNUSUAL FIRE AND EXPLOSION HAZARDS Isopropyl alcohol use dry chemical or CO₂.

SPECIAL FIRE FIGHTING PROCEDURES Use proper respiratory protection against fumes such as self contained breathing apparatus.
SECTION 5 - HEALTH INFORMATION

PRIMARY ROUTES OF EXPOSURE - Inhalation, Contact with eyes or skin.

SIGNS AND SYMPTOMS OF EXPOSURE
(1) ACUTE OVEREXPOSURE - Irritation of eyes. Splashes in the eyes or on the skin will cause severe burns. Inhalation of methanol vapor may also cause headaches, CNS depressant.

(2) CHRONIC OVEREXPOSURE - Irritation of eyes and skin. LD₅₀ 83 mg/kg (oral rat) dinitrobenzene

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
Pre-existing eye problems, pre-existing skin disorders may be aggravated by exposure.

CHEMICAL/COMPONENT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN
NTP □ Yes □ No IARC □ Yes □ No OSHA □ Yes □ No
OTHER EXPOSURE LIMITS NONE

EMERGENCY & FIRST AID PROCEDURES
In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician. Move exposed person to fresh air if inhalation of large amounts of methanol occur. If isopropyl or methanol have been swallowed, give the person large quantities of water immediately, then cause the person to vomit using syrup of ipecac.

SECTION 6 - REACTIVITY DATA

STABILITY Unstable □ Stable □
CONDITIONS TO AVOID Strong oxidizers.

INCOMPATIBILITY (MATERIALS TO AVOID)
Strong acids and strong oxidizers. Open flame.

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION
May occur □ Will not occur □
CONDITIONS TO AVOID
Not applicable for polymerization.

SECTION 7 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS LEAKED OR SPILLED
Eliminate all sources of ignition. Wear proper protective equipment. For small quantities, absorb on paper towels. Evaporate in a fume hood. Burn the paper or absorbed material in an incinerator.

WASTE DISPOSAL METHOD
Dispose of wastes in accordance with Federal, State, and Local codes.

SECTION 8 - PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION
NIOSH-approved organic vapor respirator may be used for minor spill cleanup.

VENTILATION
Room ventilation is expected to be adequate except during spills or fires.

PROTECTIVE GLOVES
Required when the potential of contact exists. EYE PROTECTION
Required when the potential of contact exists.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT
An eye wash fountain and safety shower should be readily available where the potential for eye contact with the reagent exists.

SECTION 9 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Store and handle according to packaged instructions. Store in cool, well ventilated area. Keep away from reactive materials and away from fire hazard.

OTHER PRECAUTIONS
Do not get in eyes, on skin, or on clothing. Avoid breathing vapor. Wash thoroughly after handling.

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. ODV, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.